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Electronic Patent Application Submission  
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EFS ID: 58126  
Application ID: 10731674  
Title of Invention: PUMP AND FAN CONTROL  
CONCEPTS IN COOLING SYSTEM  
First Named Inventor: Daniel Lenehan  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-12-08  
Effective Receipt Date: 2004-03-30  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 4281  
Attorney Docket Number: NONE



Total Fees Authorized:


Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
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# TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>PUMP AND FAN CONTROL CONCEPTS IN COOLING SYSTEM</b>									
<p>Application Number: 10/731674 </p> <p>Date: 2003-12-08</p> <p>First Named Applicant: Daniel J. Lenehan</p> <p>Confirmation Number: 4281</p> <p>Attorney Docket Number:</p>										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney		
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<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>COOL01901B-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	COOL01901B-usidst.xml		us-ids.dtd		us-ids.xsl
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<b>Comments</b>										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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<p>Application Number: 10/731674</p> <p>Confirmation Number: 4281</p> <p>First Named Applicant: Daniel Lenehan</p> <p>Attorney Docket Number:</p> <p>Search string: ( 5704416 or 5727618 or 5759014 or 5763951 or 5800690 or 5801442 or 5835345 or 5836750 or 5858188 or 5863708 or 5869004 or 5870823 or 5874795 or 5876655 or 5880017 or 5880524 or 5901037 or 5936192 or 5940270 or 5942093 or 5964092 or 5965001 or 5965813 or 5978220 or 5997713 or 5998240 or 6007309 or 6010316 or 6013164 or 6019882 or 6054034 or 6068752 or 6090251 or 6096656 or 6100541 or 6101715 or 6119729 or 6126723 or 6129145 or 6131650 or 6146103 or 6154363 or 6159353 or 6171067 or 6174675 or 6176962 or 6186660 or 6210986 or 6216343 or 6221226 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5704416</td><td>1998-01-06</td><td>Larson et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5727618</td><td>1998-03-17</td><td>Mundinger et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5759014</td><td>1998-06-02</td><td>Van Lintel</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5763951</td><td>1998-06-09</td><td>Hamilton et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5800690</td><td>1998-09-01</td><td>Chow et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5801442</td><td>1998-09-01</td><td>Hamilton et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5835345</td><td>1998-11-10</td><td>Staskus et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5836750</td><td>1998-11-17</td><td>Cabuz</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5858188</td><td>1999-01-12</td><td>Soane et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>5863708</td><td>1999-01-26</td><td>Zanzucchi et al.</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5704416	1998-01-06	Larson et al.					2	5727618	1998-03-17	Mundinger et al.					3	5759014	1998-06-02	Van Lintel					4	5763951	1998-06-09	Hamilton et al.					5	5800690	1998-09-01	Chow et al.					6	5801442	1998-09-01	Hamilton et al.					7	5835345	1998-11-10	Staskus et al.					8	5836750	1998-11-17	Cabuz					9	5858188	1999-01-12	Soane et al.					10	5863708	1999-01-26	Zanzucchi et al.											
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	11	5869004	1999-02-09	Parce et al.	
	12	5870823	1999-02-16	Bezama et al.	
	13	5874795	1999-02-23	Sakamoto	
	14	5876655	1999-03-02	Fisher	
	15	5880017	1999-03-09	Schwiebert et al.	
	16	5880524	1999-03-09	Xie	
	17	5901037	1999-05-04	Hamilton et al.	
	18	5936192	1999-08-10	Tauchi	
	19	5940270	1999-08-17	Puckett	
	20	5942093	1999-08-24	Rakestraw et al.	
	21	5964092	1999-10-12	Tozuka et al.	
	22	5965001	1999-10-12	Chow et al.	
	23	5965813	1999-10-12	Wan et al.	
	24	5978220	1999-11-02	Frey et al.	
	25	5997713	1999-12-07	Beetz, Jr. et al.	
	26	5998240	1999-12-07	Hamilton et al.	
	27	6007309	1999-12-28	Hartley	
	28	6010316	2000-01-04	Haller et al.	
	29	6013164	2000-01-11	Paul et al.	
	30	6019882	2000-02-01	Paul et al.	
	31	6054034	2000-04-25	Soane et al.	
	32	6068752	2000-05-30	Dubrow et al.	
	33	6090251	2000-07-18	Sundberg et al.	
	34	6096656	2000-08-01	Matzke et al.	
	35	6100541	2000-08-08	Nagle et al.	
	36	6101715	2000-08-15	Fuesser et al.	
	37	6119729	2000-09-19	Oberholzer et al.	
	38	6126723	2000-10-03	Drost et al.	
	39	6129145	2000-10-10	Yamamoto et al.	
	40	6131650	2000-10-17	North et al.	
	41	6146103	2000-11-14	Lee et al.	
	42	6154363	2000-11-28	Chang	
	43	6159353	2000-12-12	West et al.	
	44	6171067	2001-01-09	Parce	B1
	45	6174675	2001-01-16	Chow et al.	B1
	46	6176962	2001-01-23	Soane et al.	B1

	47	6186660	2001-02-13	Kopf-Sill et al.	B1
	48	6210986	2001-04-03	Arnold et al.	B1
	49	6216343	2001-04-17	Leland et al.	B1
	50	6221226	2001-04-24	Kopf-Sill	B1

Signature

Examiner Name	Date